

What is claimed is:

1. A tank system comprising:
  - a tank containing gas;
  - a heater attached to the tank for heating the tank, the heater having sufficient heating capacity to maintain pressure in the tank when gas is withdrawn from the tank;
  - a power source with sufficient power to operate the heater;
  - a sensor for providing a signal indicative of flow of gas from the tank; and
  - a processor responsive to the sensor signal and communicating with the heater, the processor being configured to energize the heater with power from the power source when gas flows from the tank.
2. The tank system of claim 1 in which the sensor is a flow sensor on an outlet from the tank.
3. The tank system of claim 1 in which the sensor detects a difference in temperature of the tank from ambient temperature.
4. The tank system of claim 1 in which the sensor is a pressure sensor on an outlet from the tank.
5. The tank system of claim 1 in which the tank contains liquid petroleum gas.
6. The tank system of claim 1 in which the tank contains propane.
7. The tank system of claim 1 in which the tank system is installed at a remote oil industry site.